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UNIVERSITY OF TORONTO

DIVISION OF EXTENSION



BEHAVIOUR OF REINFORCED CONCRETE MEMBERS

Tuesdays

25 Lectures

This course offers a fundamental study of the ultimate strength and behaviour of the reinforced concrete members subjected to axial and transverse loads. The early part of the course will be devoted to the development of the fundamental relationships and the study of the behaviour of the members starting from the stress-strain diagrams of the concrete and steel, and compatibility of strain.

Relations between results of research and current design specifications (NBC-1965) will be examined.

Creep and shrinkage and their effect on reinforced concrete members will be discussed. An introduction to the behaviour of reinforced concrete structures will be made. A number of numerical examples will be worked out in the class to illustrate the application of the fundamental concepts and to introduce some of the new design aids.

LECTURERS: S. M. Uzumeri J. Timusk
 E. M. Pell M. W. Huggins
 Department of Civil Engineering
 University of Toronto

TIME: 7.30 p.m., beginning September 28

PLACE: Room 221, Galbraith Building

FEE: \$50.00

Registration

By mail or in person at Room 201, 84 Queen's Park, 9 a.m. to 5 p.m. daily, except Saturdays. Application forms may be obtained by writing Business and Professional Courses, 84 Queen's Park, or by telephoning 928-2393, 928-2394, 928-2395, or 928-2396.

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